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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/723,126 | 11/25/2003 | Donald R. Gilbreath | C02-085A | 9442 |

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THE GATES CORPORATION
IP LAW DEPT. 10-A3
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EXAMINER

DUNWOODY, AARON M

ART UNIT PAPER NUMBER

3679

DATE MAILED: 07/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/723,126

Applicant(s)

GILBREATH, DONALD R.

Examiner

Aaron M Dunwoody

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 November 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Priority

Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. 119(e) as follows:

An application in which the benefits of an earlier application are desired must contain a specific reference to the prior application(s) in the first sentence of the specification or in an application data sheet (37 CFR 1.78(a)(2) and (a)(5)). The specific reference to any prior nonprovisional application must include the relationship (i.e., continuation, divisional, or continuation-in-part) between the applications except when the reference is to a prior application of a CPA assigned the same application number.

Information Disclosure Statement

No information disclosure statement submitted.

Claim Objections

Regarding claim 1, the phrase "of the type" renders the claim(s) indefinite because the claim(s) include(s) elements not actually disclosed (those encompassed by "of the type"), thereby rendering the scope of the claim(s) unascertainable.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by US patent 6318763, Huang.

In regards to claim 1, Huang discloses an improved hydraulic fitting having a stem (10) including a hose insert portion, and a collar support portion, having a mating connection portion, and a collar having, a torque communication portion, a female support portion, and an inner periphery extending through the ferrule support portion and the torque communication portion, the improvement comprising:

the collar support portion including knurling (100) and an axial stop ring (see Figure 4 below),

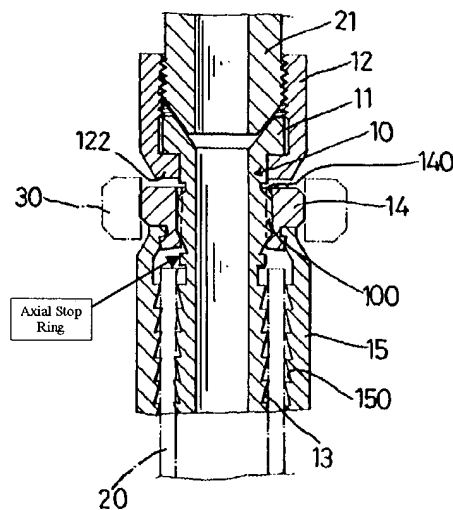


FIG. 4

the torque communication portion being staked such that the inner periphery extending through the torque communication portion communicates with the knurling in a relatively non-rotational manner, and

the ferrule support portion being staked such that the inner periphery extending through the ferrule support portion communicates with the axial stop ring in an axial movement limiting manner.

In regards to claim 2, Huang discloses a hydraulic fitting comprising:

a stem having a hose insert portion, and a collar support portion,

a mating connection portion, the collar support portion including knurling and an axial stop ring,

a collar having, a torque communication portion, a ferrule support portion, and an inner periphery extending through the ferrule support portion and the torque communication portion,

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the torque communication portion being staked such that the inner periphery extending through the torque communication portion communicates with the knurling in a relatively non-rotational manner, and

the ferrule support portion being staked such that the inner periphery extending through the ferrule support portion communicates with the axial stop ring in an axial movement limiting manner.

In regards to claim 3, Huang discloses a ferrule (14) affixed upon the ferrule support portion.

In regards to claim 4, Huang discloses a hydraulic coupling and hose (20) comprising:

a hose end fitting including a stem having a hose insert portion, and a collar support portion,

the collar support portion including knurling and an axial stop ring,

a collar having, a torque communication portion, a female support portion, and an inner periphery extending through the ferrule support portion and the torque communication portion,

the torque communication portion being staked such that the inner periphery extending through the torque communication portion communicates with the knurling in a relatively non-rotational manner, the ferrule support portion being staked such that the inner periphery extending through the ferrule support portion communicates with the axial stop ring in an axial movement limiting manner, a mating connection portion, the hose fitted upon the hose end fitting,

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an apparatus fitting (15), and
the apparatus fitting sealingly mated to the mating connection portion of the hose end fitting.

In regards to claim 5, Huang discloses a ferrule staked upon the ferrule support portion and the hose crimped under the female.

In regards to claim 6, Huang discloses a method for producing a hydraulic fitting comprising the steps of:

providing a stem having a hose insert portion, and a collar support portion,
knurling a portion of the collar support portion, and
forming an annular depression proximate the common boundaries of the collar portion and the hose insert portion.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure because it illustrates the inventive concept of the invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aaron M Dunwoody whose telephone number is 703-306-3436. The examiner can normally be reached on 7:30 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel P Stodola can be reached on 703-306-5771. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

.amd



Aaron Dunwoody
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